

FIG. 1

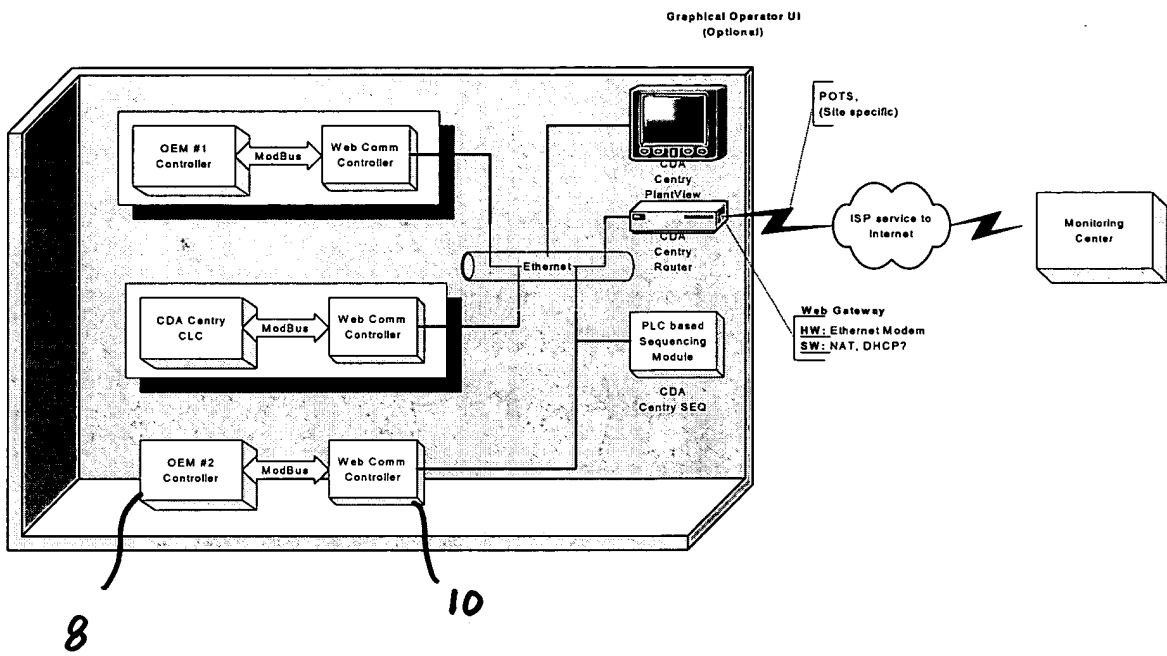


Fig. 1

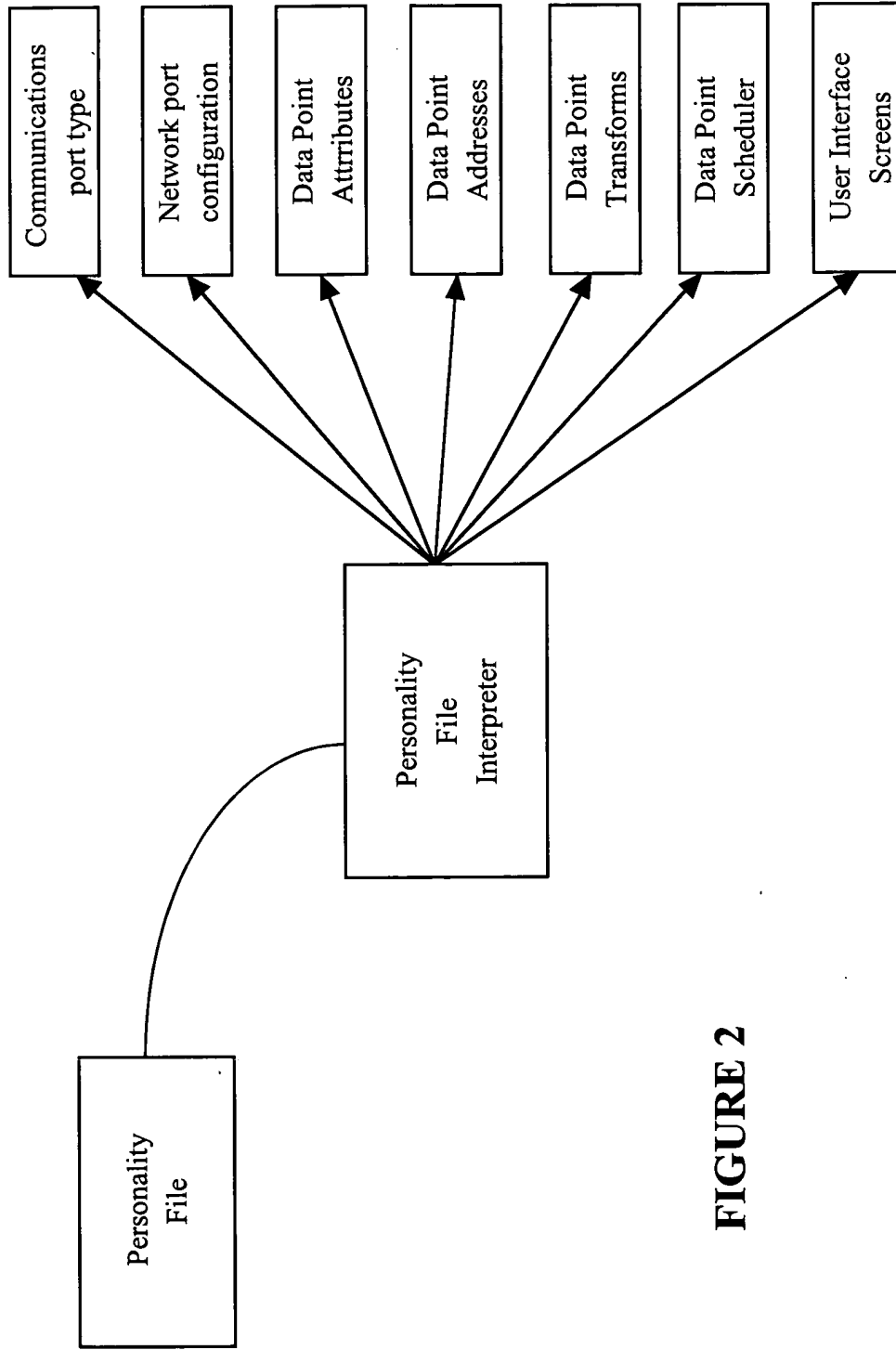
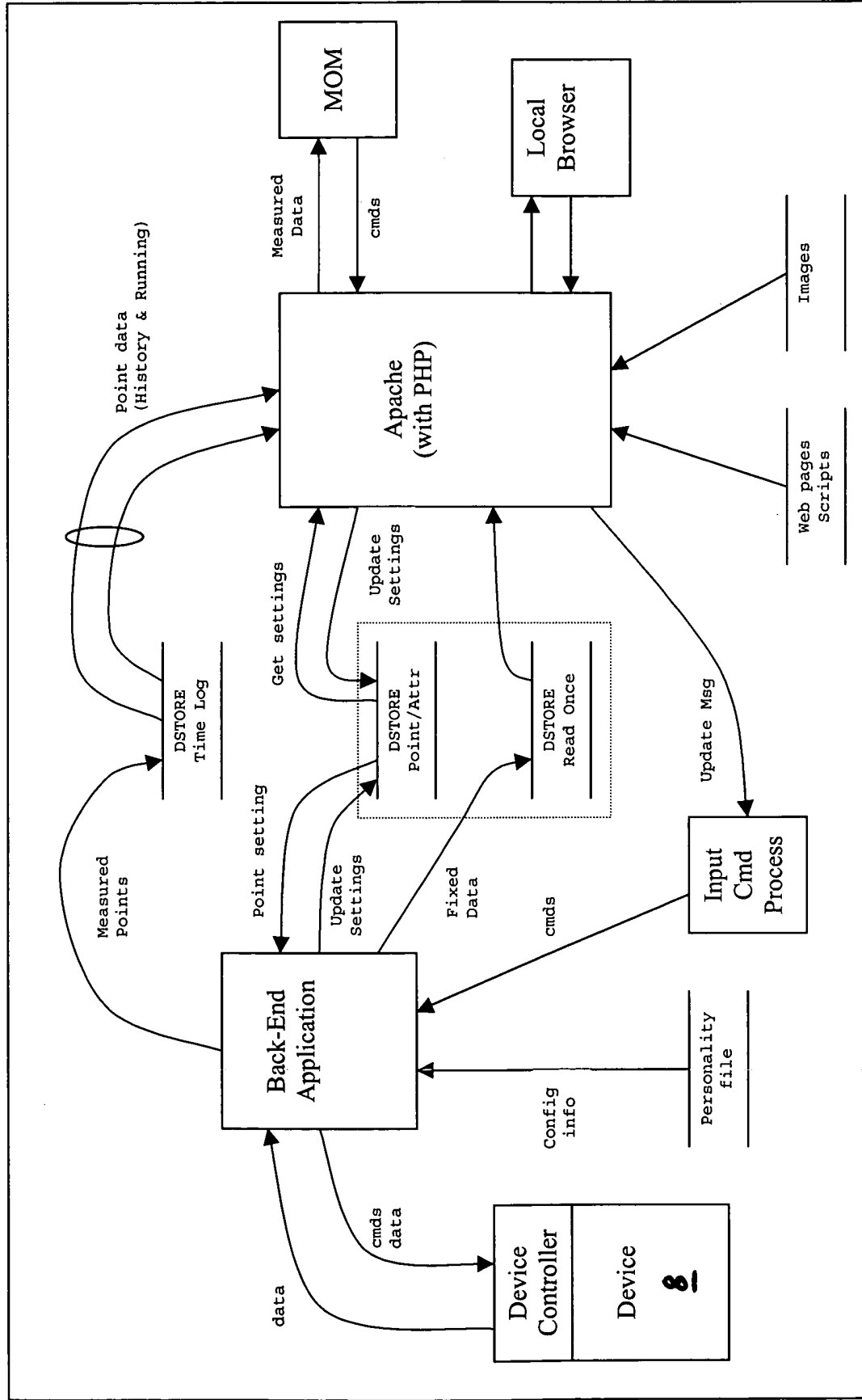


FIGURE 2

# High-Level WCC System Block Diagram



# Back-End Modbus Interface

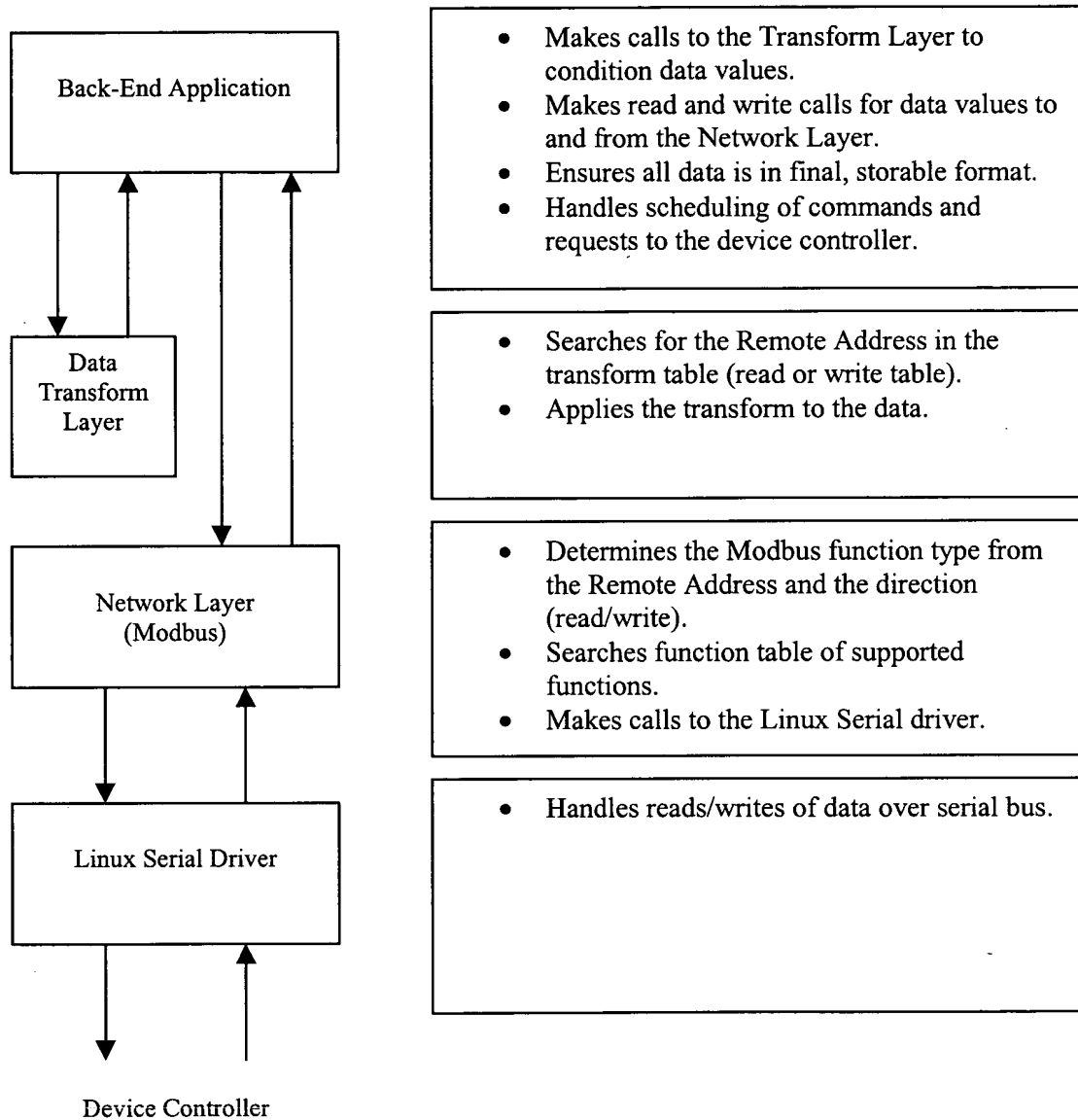


Fig. 4

# FIGURE 5

## Micro Turbine Generator A

Port: RS232  
Protocol: Modbus RTU mode

Data points: Proprietary  
Total Power 1 (16b Integer)  
Total Power 2 (16b Integer)  
Energy 1 (16b Integer)  
Energy 2 (16b Integer)  
Operating Hours 1: (16b Integer)  
Operating Hours 2: (16b Integer)  
Control Register: (16b Integer)  
Overload Alarm: (16b Integer)

Register Address: Proprietary  
Total Power 1: 42001  
Total Power 2: 42002  
Energy 1: 42003  
Energy 2: 42004  
Operating Hours 1: 42005  
Operating Hours 2: 42006  
Control Register: 42007  
Overload Alarm: 42008

User Interface: Proprietary  
At machine operator panel

Internal History Memory: None

## Air Compressor C

Port: RS485  
Protocol: Modbus RTU mode

Data points: Proprietary  
Inlet Pressure (16b Integer)  
Inlet Temperature (16b Integer)  
Discharge Pressure (16b Integer)  
Discharge Temperature (16b Integer)  
Load/Unload : (16b Integer)

Register Address: Proprietary  
Inlet Pressure : 43152  
Inlet Temperature: 43153  
Discharge Pressure : 43154  
Discharge Temperature: 43155  
On/Off Register: 43156

User Interface: Proprietary  
At machine operator panel

Internal History Memory: None

## Micro Turbine Generator B

Port: RS422  
Protocol: Proprietary

Data points: Proprietary  
Phase 1 Power (16b Integer)  
Phase 2 Power (16b Integer)  
Phase 3 Power (16b Integer)  
Operating Hours: (16b Integer)  
On/Off: (16b Integer)

Register Address: Proprietary  
Phase 1 Power: 12345  
Phase 2 Power: 12346  
Phase 3 Power: 12347  
Operating Hours: 12348  
On/Off: 12349

User Interface: Proprietary  
At machine operator panel

Internal History Memory: None

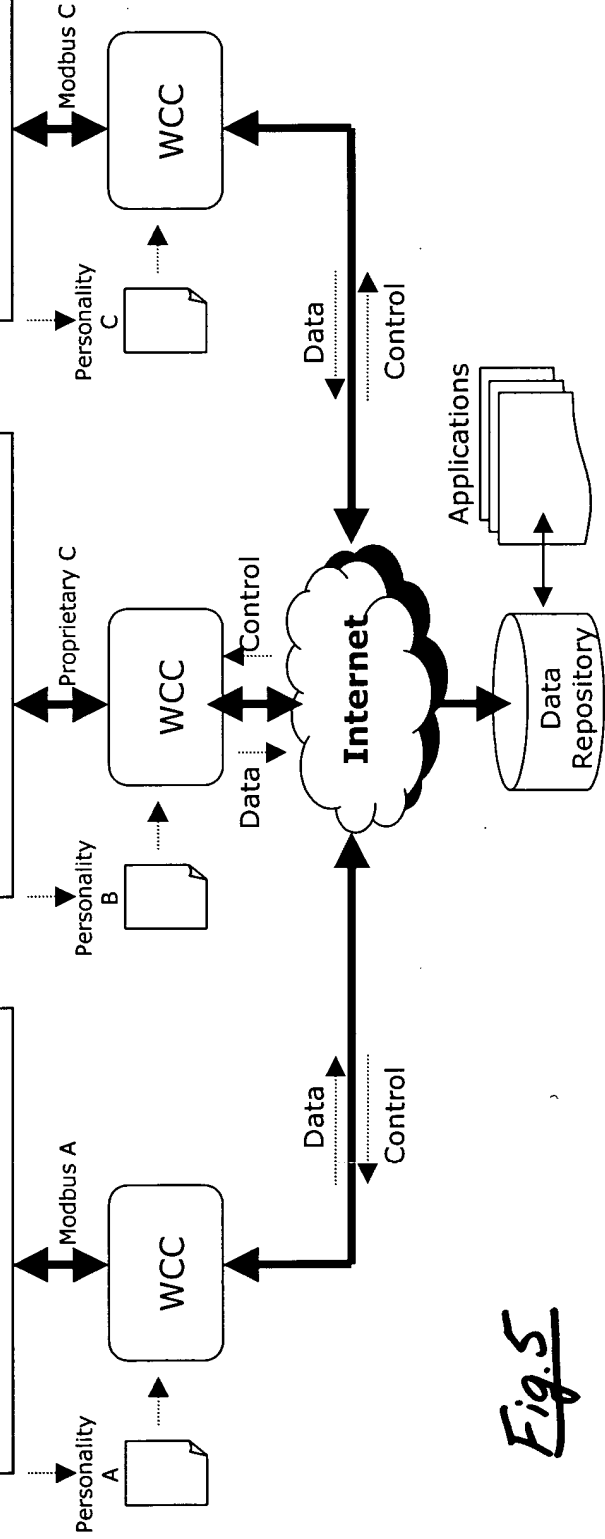


Fig. 5

**FIGURE 6**

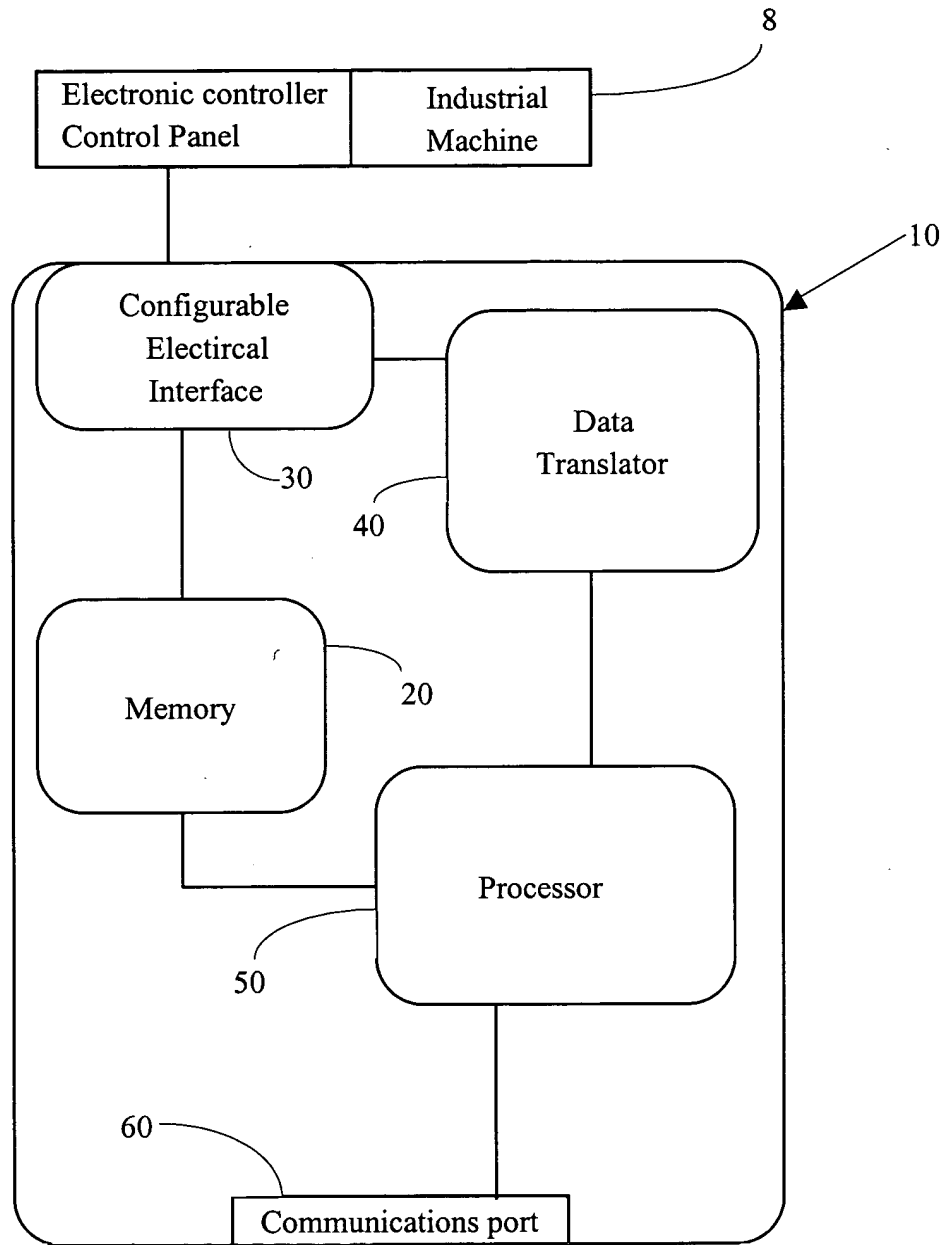


FIGURE 6